

### **Focus Area 3: Cancer**

**Objective 3-1** targets an overall reduction in the cancer (malignant neoplasm) death rate to 158.6 per 100,000 population.

California's age-adjusted cancer death rate declined significantly from 179.6 per 100,000 population in 2000 to 160.6 per 100,000 in 2004 (Figure 3-1, Table 3-1). At this rate of decline, the HP2010 objective of 158.6 per 100,000 population is projected to be achieved prior to the year 2010.

Age-adjusted cancer death rates for males are significantly higher than rates for females, and also significantly higher than the HP2010 target. Cancer death rates for males significantly declined from 214.0 per 100,000 population in 2000 to 188.7 per 100,000 in 2004, and rates for females significantly declined from 157.2 per 100,000 in 2000 to 140.8 per 100,000 in 2004. The HP2010 objective is being achieved for females, but not for males as of 2004.

African Americans/Blacks continue to experience significantly higher age-adjusted cancer death rates than any other racial or ethnic population in the state, although their rates have significantly declined from 241.2 per 100,000 in 2000 to 218.6 per 100,000 in 2004. The next highest cancer death rates were found for Whites and for Pacific Islanders (176.7 per 100,000 in 2004). The HP2010 target of 158.6 has not yet been achieved for either of these populations, although there has been a significant decline in the cancer death rate for Whites. The HP2010 objective is being achieved for the Multirace population (51.6 per 100,000 in 2004), American Indians/Alaska Natives (104.9 per 100,000 in 2004), Asians (116.6 per 100,000 in 2004), and Hispanics/Latinos (117.7 per 100,000 in 2004).

For more information on cancer (malignant neoplasms) in California, visit the California Cancer Registry Web site at:

<http://www.ccrca.org/>

For more information on Healthy People 2010 objective 3-1, please visit:

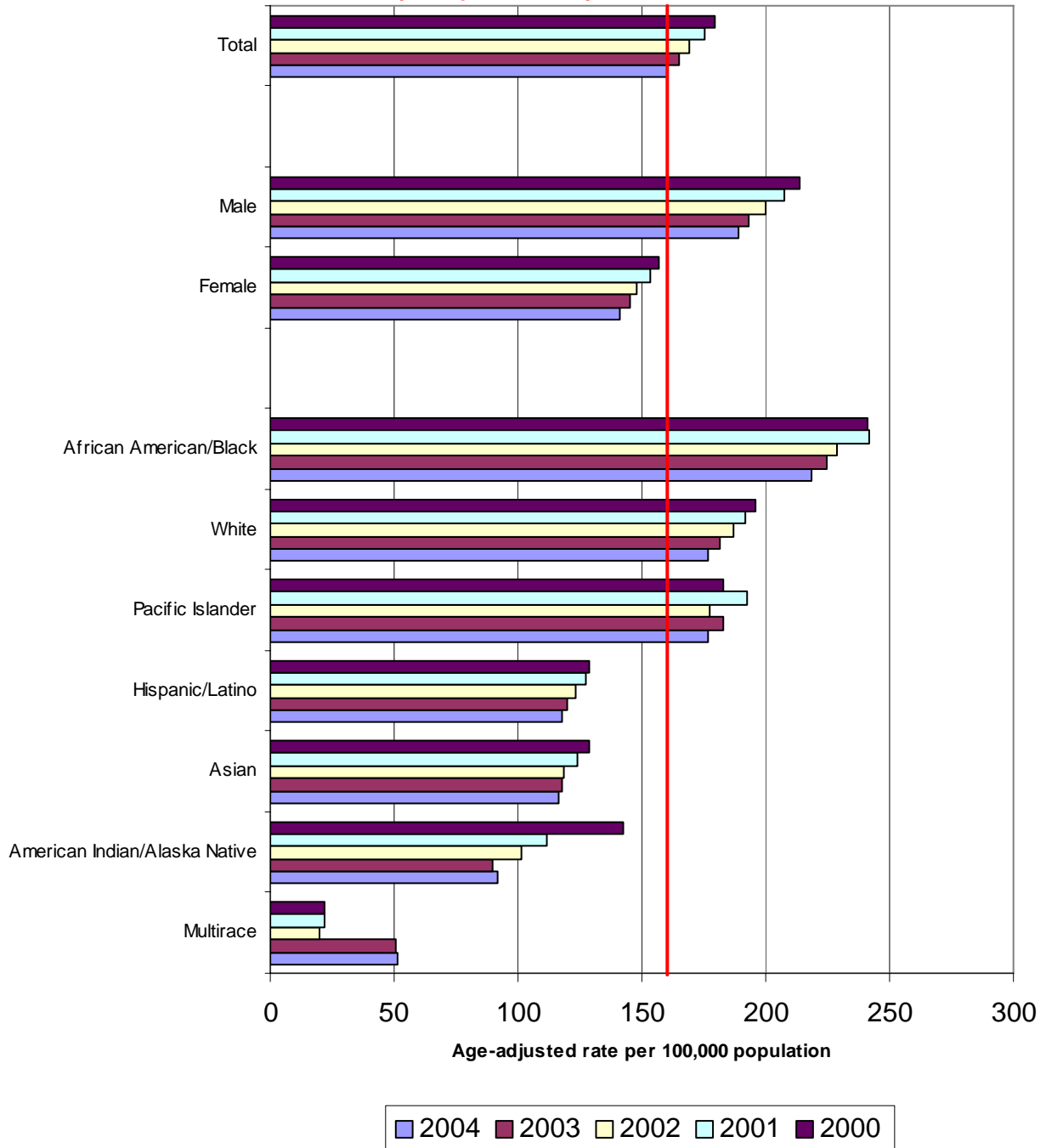
<http://www.healthypeople.gov/Document/HTML/Volume1/03Cancer.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od03.htm>

**Figure 3-1**  
**Cancer (Malignant Neoplasm) Death Rates**  
**California, 2000-2004**

**Healthy People 2010 Objective = 158.6**



**Table 3-1: Cancer (Malignant Neoplasm) Deaths and Death Rates, California 2000-2004**

Objective 3-1	2000		Lower 95% C.I.	Upper 95% C.I.	2001		Lower 95% C.I.	Upper 95% C.I.
	N	Rate <sup>1</sup>			N	Rate <sup>1</sup>		
<b>Healthy People 2010 Target</b>		<b>158.6</b>				<b>158.6</b>		
<b>Statewide Total</b>	53,001	179.6	178.1	181.2	53,809	175.5	174.0	177.0
<b>Race-Ethnicity</b>								
African American/Black	3,880	241.2	233.4	248.9	4,050	241.5	233.9	249.0
American Indian/Alaska Native	188	142.3	121.0	163.6	167	111.9	94.2	129.5
Asian	3,825	128.4	124.3	132.6	4,002	124.0	120.0	127.9
Hispanic/Latino	5,799	128.5	124.9	132.0	6,216	127.4	124.0	130.8
Pacific Islander	112	182.9	145.4	220.4	130	192.5	156.3	228.6
White	39,128	196.1	194.0	197.9	39,169	192.0	190.0	193.8
Multirace	69	21.7	16.3	27.1	75	22.1	16.8	27.4
<b>Gender</b>								
Female	26,246	157.2	155.3	159.1	26,555	153.7	151.8	155.6
Male	26,755	214.0	211.4	216.6	27,254	207.7	205.2	210.2

Objective 3-1	2002		Lower 95% C.I.	Upper 95% C.I.	2003		Lower 95% C.I.	Upper 95% C.I.
	N	Rate <sup>1</sup>			N	Rate <sup>1</sup>		
<b>Healthy People 2010 Target</b>		<b>158.6</b>				<b>158.6</b>		
<b>Statewide Total</b>	53,926	169.4	168.0	170.8	54,303	165.0	163.7	166.4
<b>Race-Ethnicity</b>								
African American/Black	3,982	228.9	221.6	236.1	4,067	224.8	217.8	231.9
American Indian/Alaska Native	178	101.2	85.8	116.7	178	89.8	76.1	103.5
Asian	4,074	118.4	114.7	122.1	4,250	118.1	114.5	121.6
Hispanic/Latino	6,382	123.4	120.1	126.6	6,665	119.9	116.9	123.0
Pacific Islander	128	177.7	144.4	210.9	150	182.7	151.6	213.8
White	39,110	187.0	185.1	188.8	38,810	181.4	179.3	183.0
Multirace	72	20.0	15.2	24.8	186	50.6	43.1	58.1
<b>Gender</b>								
Female	26,467	148.0	146.2	149.8	26,808	145.5	143.7	147.2
Male	27,459	200.2	197.8	202.6	27,495	193.0	190.7	195.4

Objective 3-1	2004		Lower 95% C.I.	Upper 95% C.I.	5-year Trend	HP2010 Objective Being Achieved?
	N	Rate <sup>1</sup>				
<b>Healthy People 2010 Target</b>		<b>158.6</b>				
<b>Statewide Total</b>	53,708	160.6	159.2	161.9	Sig. -	No
<b>Race-Ethnicity</b>						
African American/Black	4,091	218.6	211.8	225.5	Sig. -	No
American Indian/Alaska Native	199	91.7	78.4	104.9	Sig. -	Yes
Asian	4,402	116.6	113.1	120.1	Sig. -	Yes
Hispanic/Latino	6,816	117.7	114.7	120.7	Sig. -	Yes
Pacific Islander	158	176.7	147.6	205.9	ns	No
White	37,841	176.9	174.9	178.5	Sig. -	No
Multirace	201	51.6	44.3	59.0	ns	Yes
<b>Gender</b>						
Female	26,338	140.8	139.1	142.5	Sig. -	Yes
Male	27,370	188.7	186.5	191.0	Sig. -	No

SOURCES: CA Department of Health Services, Death Records, 2000-2004; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: Cancer (malignant neoplasm) deaths defined by ICD-10 codes C00 - C97.

<sup>1</sup> Rate per 100,000 population, age-adjusted using the 2000 US population standard.

Sig. - Statistically significant decrease in age-adjusted death rates from 2000 to 2004.

Sig. + Statistically significant increase in age-adjusted death rates from 2000 to 2004.

ns No significant trend as measured by linear regression analysis.